

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

B. Herman

Attorney Docket No.: WEYE121341/24873

Application No.: 10/727,446

Group Art Unit: 1754

Filed:

December 3, 2003

Title:

USE OF A LOW NITROGEN FERTILIZER TO

PROPAGATE SHOOTS FROM A LOG

#### **INFORMATION DISCLOSURE STATEMENT**

#### TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

- 1. X Copies of the listed publication and other information are enclosed for the Examiner's use.
- 2. X Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,

CHRISTENSEN O'CONNOR JOHNSON KINDNESSPLLC

Barry F. McGurl

Registration No. 43,340

Direct Dial No. 206.695.1775

BFM:jlj

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, PO Box 1450, Mail Stop: Alexandria, VA 22313-1450.

5|4|04 Date

Signature of Representative Mailing Document

LAW OFFICES OF CHRISTENSEN O'CONNOR JOHNSON KINDNESSPLLC 1420 Fifth Avenue Suite 2800 Seattle, Washington 98101 206.682.8100



# INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

		• •		
Δ	nn	lıc	ant	٠٠
<b>~</b>	PΡ.	$\mathbf{u}$	ші	ι.

B. Herman

Attorney Docket No. WEYE122341/24873

Application No.: 10/727,446

Group Art Unit: 1754

Filed:

December 3, 2003

Title:

USE OF LOW NITROGEN FERTILIZER TO

PROPAGATE SHOOTS FROM A LOG

#### **U.S. PATENT DOCUMENTS**

\*Examiner Cite

**Initials** 

No.

Kind

Date

Document No. Code (mm/dd/yyyy)

Name

None

# **FOREIGN PATENT DOCUMENTS**

\*Examiner Cite

Kind

**Publication Date** 

English

Abstract Translation

Initial

No. Document No. Code

(mm/dd/yyyy)

Country

Provided Provided

None

### OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner	Cite	
Initial	No.	
	O1	Aldén, T., et al., "Some Methods for Vegetative Propagation," Swedish University of Agricultural Sciences, Department of Forest Genetics, Uppsala, Sweden, February 16-17, 1977, pp. 137-147.
	O2	Bajaj, Y.P.S. (Ed.), <i>Biotechnology in Agriculture and Forestry 1. Trees I</i> , Springer-Verlag, Heidelberg, Germany, 1986, pp. 49-100, 113-129, 274-310.
	О3	Bhatt, B.P., and N.P. Todaria, "Seasonal Rooting Behaviour of Stem Cuttings of Some Agroforestry Species of Garhwal Himalaya," <i>Indian Journal of Forestry 13</i> (4):362-364, 1991.
	O4	Brioua, A.H., and C.T. Wheeler, "Growth and Nitrogen Fixation in <i>Alnus glutinosa (L.) Gaertn</i> . Under Carbon Dioxide Enrichment of the Root Atmosphere." <i>Plant and Soil 162(2)</i> :183-191, 1994

LAW OFFICES OF CHRISTENSEN O'CONNOR JOHNSON KINDNESSPILE 1420 Fifth Avenue **Suite 2800** Seattle, Washington 98101 206.682.8100

*Examiner Initial	Cite No.	
	O5	Chalupa, V., "Clonal Propagation of Broad-Leaved Forest Trees In Vitro," Commun. Inst. Forest. Čhecosl. 12:255-271, 1982.
	O6	Garton, S., et al., "In Vitro Propagation of Alnus glutinos Gaertn," Hort Science 16(6):758-759 December 1981.
	O7	Hahn, D., et al., "Micropropagation and Selection of Alnus glutinos Ecotype Clones," Energy from Biomass 4: Proceedings of the Third Contractors' Meeting, Paestum, Italy, May 25-27, 1988, pp. 69-77.
	O8	Heide, O.M., "Daylength and Thermal Tiime Responses of Budburst During Dormancy Release in Some Northern Deciduous Trees," <i>Physiologia Plantarum</i> 88(4):531-540, 1993.
	O9	Huss-Danell, K., "Clonal Differences in Rooting of <i>Alnus incana</i> Leavy Cuttings," <i>Plant and Soil 59</i> :193-199, 1981.
	O10	Huss-Danell, K., et al., "Conditions for Rooting of Leafy Cuttings of <i>Alnus incana</i> ," <i>Physiologia Plantarum</i> 49(2):113-116, 1980.
	O11	Huss-Danell, K., "Nitrogen Fixation and Biomass Production in Clones of <i>Alnus incana</i> ," <i>New Phytologist</i> 85(4):503-511, 1980.
	O12	Kaur, R., et al., "Micropropagation of Alnus nepalensis," Indian Journal of Forestry 16(2):162-164, 1993.
	O13	Kralik, J., and J. Sebanek, "Effect of Auxin Growth Regulators on Adventitious Root Formation from Basal and Apical Parts of Stem Cuttings in Common Alder ( <i>Alnus glutinosa L.</i> )," <i>Acta Universitatis Agriculturae 31</i> (1-2):5-11, 1983.
	O14	Krstinic, A., "Genetics of Black Alder (Alnus glutinosa (L.) Gaertn.)," Anali za Sumarstvo. 19(2):33-72, 1994.
	O15	Lepistö, M., "Vegetative Propagation by Cuttings of <i>Picea abies</i> in Finland," <i>Swedish University of Agricultural Sciences, Department of Forest Genetics</i> , Uppsala, Sweden, February 16-17, 1977, pp. 87-95.
	O16	Monaco, P.A., et al., "Rooting of <i>Alnus rubra</i> Cuttings," <i>Tree Planters' Notes</i> 31(3):22-24, 1980.
	O17	Perinet, P., and F.M. Tremblay, "Commercial Micropropagation of Five Alnus Species," New Forests 1(3):225-230, 1987.

*Examiner Initial	Cite No.	
	O18	Perinet, P., and M. Lalonde, "In Vitro Propagation and Nodulation of the Actinorhizal Host Plant Alnus glutinosa (L.) Gaertn.," Plant Science Letters 29(1):9-17, 1983.
	O19	Psota, V., "Rhizogenesis of Stem Cuttings In Alnus glutinosa (L.) Gaertn. and Quercus robur L. Species as Related to Dormancy and Plant Growth Regulators," Acta Universitatis Agriculturae 35(3-4):27-44, 1987.
	O20	Psota, V., et al., "Effect of Cyclophysis of the Level of Endogenous Gibberellins and Selected Plant Growth Regulators on Rhizogenesis in Common Alder ( <i>Alnus glutinosa (L.) Gaertn.</i> )," <i>Acta-Universitatis Agriculturae 34</i> (1):7-23, 1986.
	O21	Radwan, M.A. et al., "Softwood Cuttings for Propagation of Red Alder," <i>New Forests 3</i> (1):21-30, 1989.
	O22	Read, P.E., and C.D. Fellman, "Accelerating Acclimation of In Vitro Propagated Woody Ornaments," <i>Acta-Horticulturae</i> , 1985, pp.15-20.
	O23	Read, P.E., et al., "Use of Recirculating Hydroponic Systems for Macro- and Micropropagation Studies," <i>Acta Horticulturae 150</i> :405-414, 1984.
	O24	Robison, T.L., and R.B. Hall, "Approaches to European Alder Improvement," <i>Proceedings of the 2nd North Central Tree Improvement Conference</i> , Lincoln, Nebraska, August 5-7, 1981, pp. 65-77.
	O25	Saul, G.H., and L. Zsuffa, <i>Vegetative Propagation of Alder (Alnus glutinosa L.)</i> by Rooted Cuttings, Forest Research Note No. 33, Ministry of Natural Resources, Ontario, Canada 1982.
	O26	Shinn, C.W., "Rooting Conifer Cuttings with a Fog System," <i>Combined Proceedings 1983</i> , International Plant Propagators' Society, 1984, pp. 110-113.
	O27	Tang, DingQin, et al., "In Vitro Regeneration of <i>Alnus Cremastogyne Burk</i> from Epicotyl Explants," <i>Plant Cell Reports</i> 15(9):658-661, 1996.
	O28	Thakur, I.K. and R. Gupta, "Effect of Auxins on Rooting of <i>Alnus nitida Endl</i> . Cuttings," <i>Indian Journal of Forestry 21</i> (2):174-175, 1998.
	O29	Tremblay, F.M., et al., "Callus Regeneration from <i>Alnus incana</i> Protoplasts Isolated from Cell Suspensions," <i>Plant Science, Irish Republic 41</i> (3):211-216, 1985.

*Examiner Initial	No.	
	O30	Tremblay, F.M., et al., "Selection and Micropropagation of Nodulating and Non-Nodulating Clones of <i>Alnus crispa (Ait.)</i> Pursh," <i>Plant and Soil 78(1-2):171-179, 1984</i> .
	O31	Wakita, Y., "Plant Regeneration from Protoplasts of Broad-Leaved Trees," Bulletin of the Utsunomiya University Forests 33:55-108, 1997.
	O32	Welander, M., et al., "Regulation of In Vitro Shoot Multiplication in Syringa, <i>Alnus</i> and <i>Malus</i> by Different Carbon Sources," <i>Journal of Horticultural Science</i> 64(3):361-366, 1989.
	O33	Wilson, B.C., and N.W. Jewett, "Propagation of Red Alder ( <i>Alnus rubra Bong.</i> ) by Mound Layering," <i>Tree Planters' Notes</i> 37(4):21-23, 1986.
Exan	niner	Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LXC:mgp/jlj